

10/564615

1/27 **IAP20 Rec'd PCT/PTO 12 JAN 2006**

List of sequences

<110> Tets Viktor Veniaminovich, Genkin Dmitry Dmitrievich

<120> Way of oncological' and infectious diseases' treatment, way of treatment's efficiency control, pharmaceutical agents and composition for providing the treatment

<210> 1

<211> 485

<212> DNA

<213> Artificial Sequence

<400> 1

acgacggcca gtgagcgcgc gtaatacgac tcactatagg gcgaattggg taccgggcc 60

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catcctgtc cctgtgattc cagatctcca gaactggagg tctagctca gggaaaaccc 180

agattttctt ggcttagccc acctgacagc taatcactgg aaatggggtg ggctggtaga 240

gtccttttgt caggtttgt gtcaagagag ggaggaggaa agatgggagg gagtagcaa 300

aactggctc aatggacta tgtaagttaa tatagaatgg caaaggatgt ttcttccaa 360

ggaaaagaatt cctgcagccc gggggatcca ctgttctag agcggccgccc accgcggtgg 420

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<210> 2

<211> 244

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<213> Artificial Sequence

<400> 2

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ttttgggaa tattacttcc aaatgaacgt taacttaaag attggaatat gaacacacta 180

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<211> 230

<212> DNA

<213> Artificial Sequence

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gaggtaatgt gttagatagg aaatatcttg ctatagaaac tagacagaat gattctcaga 180

aactcccttg tgatgtgtgc cttcaactca cagagttaa cctttctttt

<210> 4

<211> 218

<212> DNA

<213> Artificial Sequence

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gaataaaaatt gattgag(a)at catcatcaaa tggaatcgaa tggatcatt gaatggatc 20

gaatggatc atcatcagat ggaatgaaat ggaatcgtca tagaatccaa tcgaatggat 180

tcattgaatg gaatcagatg gaatcatcgat gtgactga

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<211> 182

<212> DNA

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 gccagtgaag ttccaaaact caagaaccta gagtcaatgt tcaaggc(?)a ggaagcatcc 180
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<211> 152

<212> DNA

<213> Artificial Sequence

<400> 6

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<211> 131

<212> DNA

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<211> 239

<212> DNA

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 ttaaggtaaa tggcagaaaa gcaaataatct tcgtttcaaa actagacaga atcattccca 180
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 cttagcgccg cgccaccgcg gtggagctcc agcttttgtt cccttttagtg agggtaaaa 180
 gcgcgcgtgc gtaatcatgg tcatagc

<210> 10

<211> 223

<212> DNA

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 ttgttgtct taaggaacaa atacactaaa ttcaaagatg ataaaaaaaaaaa aaaacagctt 180
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<211> 198

<212> DNA

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 ttccattcgta ttccattcaa tgattattcc acttgagtcg attcgatgac tccattcgat 180
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<211> 217

<212> DNA

<213> Artificial Sequence

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<211> 223

<212> DNA

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 cctggaggnc tggggggaa aaataatccc tgaaccagga caagggccct atccctattt 180
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<211> 258

<212> DNA

<213> Artificial Sequence

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 atatttgctg ttccacaca cactataatg gagatggaaat aatggacacg caactacaca 120
 ggacgggtgtc ggcagatgtt gttggagcga ggggtgcagg tggagccac aggagaggaa 180
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<210> 15

<211> 239

<212> DNA

<213> Artificial Sequence

<400> 15

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 ttatttatttt atttttaagc tatgttcagg aaaatgaaca ttcttcctt gcagttgata 180
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<210> 16

<211> 226

<212> DNA

<213> Artificial Sequence

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 gctgcagatc ctgggactac agtatctcg acgctgtct cagcggagtc atggtccagt 180
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<210> 17

<211> 156

<212> DNA

<213> Artificial Sequence

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<210> 18

<211> 191

<212> DNA

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<210> 19

<211> 312

<212> DNA

<213> Artificial Sequence

<400> 19

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 tagacagagt tagctggaa tgcctactg agaaggggcc atttgagtaa aggctgaaa 180
 aggtgaagaa gaattcctgc agcccgaaaa tccactagttt cttagagcggc cgccaccg 240
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 gtcatagctt tt

<210> 20

<211> 219

<212> DNA

<213> Artificial Sequence

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 tttagtgtat cttttttattt atttcttca ttcatttt atttatttct gctctgatct 180
 ttattatttc ttttttctta ataattttgg tttagttt

<210> 21

<211> 208

<212> DNA

<213> Artificial Sequence

<400> 21

gaattctcg taacttcctt gtgtgtgtgt tattcaactc acagagtta acgatcctt 60

<210> 27
 <211> 244
 <212> DNA
 <213> Artificial Sequence
 <400> 27
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 gtacccttct atttagttt gctgagtgtc tttagtcat aattgagtgt tgacatctgt 180
 caaatatttt ttctgcatacatta agacat ccatgtata ttctctttt attctttac 240
 tatg
 <210> 28
 <211> 237
 <212> DNA
 <213> Artificial Sequence
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 aatcgaaatgt aatcatcatc aaatggaaatc aaaaataaac atcatcaattt ggtattgtaaat 180
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 ttatccatgg ttctcgaggat gggatgttgtt gatagcaggc gtgaaaacaa cattcatctc 180
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 <213> Artificial Sequence
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 <210> 31
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 tgctatcca tccgggtgtatgt
 <210> 32
 <211> 169
 <212> DNA
 <213> Artificial Sequence

<400> 32

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 tagtagaact aatacactaa tatgtaaatg aatgaatgaa tgttcctga gtgtggctt 120
 aagtttctca gaagaagaca gttcatacac tggtcataaa aattctggg

<210> 33

<211> 124

<212> DNA

<213> Artificial Sequence

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 cccg

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<211> 214

<212> DNA

<213> Artificial Sequence

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 caagttatgc actgtatggta gtagcttcat aaatttagaa aagttccaaa ataatgctta 180
 gaaagagtag ctatthaact tctcattgaa caaa

<210> 35

<211> 164

<212> DNA

<213> Artificial Sequence

<400> 35

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 ttgtttttt catcacccag gctgcttcac atttagagct gagt

<210> 36

<211> 119

<212> DNA

<213> Artificial Sequence

<400> 36

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<210> 37

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<212> DNA

<213> Artificial Sequence

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 ccctcggtt cctaacttac caggatggag agcatttccct cattccatgt tggtggagg 180
 ttggcccaact gggtagatc agccagg

<210> 38

<211> 169

<212> DNA

<213> Artificial Sequence

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 ctcataatgtt ctatctctt aggggctgaa ctgggtgcta gtcataaag ttggaaatgt 120
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<210> 39

<211> 172

<212> DNA

<213> Artificial Sequence

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<210> 40

<211> 137

<212> DNA

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<210> 41

<211> 152

<212> DNA

<213> Artificial Sequence

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<210> 42

<211> 183

<212> DNA

<213> Artificial Sequence

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<210> 43

<211> 162

<212> DNA

<213> Artificial Sequence

<400> 43

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<210> 44

<211> 189

<212> DNA

<213> Artificial Sequence

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 tggccagaat tcctgcagcc cgggggatcc actagttcta gagcggccgc caccgcggtg 180
 gagctccag

<210> 45

<211> 190

<212> DNA

<213> Artificial Sequence

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<211> 266

<212> DNA

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 tagttctcat tcaaccctgt gacaaggat gtggggctca gagaacggga gggcttcccc 180
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<210> 47

<211> 164

<212> DNA

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<210> 48

<211> 112

<212> DNA

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<211> 114

<212> DNA

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<211> 206
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 <211> 169
 <212> DNA
 <213> Artificial Sequence
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 <210> 53
 <211> 203
 <212> DNA
 <213> Artificial Sequence
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 <210> 55
 <211> 193
 <212> DNA
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 cagcatataa taatatgaaa aaattttgtc cttagacattt tatatgaaaa tgtatacttt 120
 agagcatgct tcaggaaaaaa aagaaagaaaa aattaatcct gggaaatggg tgacattaga 180

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 <210> 56
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 aaaagttca ggcaagttca caccaaaact tgcattctaa cctccctgaa cctgtggct 120
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<211> 173
<212> DNA
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<400> 63
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<213> Artificial Sequence
<400> 64
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ggccgccacccg cggtggagct ccagctttt
<210> 65
<211> 159
<212> DNA
<213> Artificial Sequence
<400> 65
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agcagatttta aaacactttt tttgtgcaat tggcaagtgg agatttcaag cgctttaagg 120
tcaatggcag aaaaggaaat atcttcgtttt caaaacttag
<210> 66
<211> 73
<212> DNA
<213> Artificial Sequence
<400> 66
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tgtntctatc aga
<210> 67
<211> 87
<212> DNA
<213> Artificial Sequence
<400> 67
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tttatccaga attcctgcag ccgggggg
<210> 68
<211> 110

<212> DNA
<213> Artificial Sequence
<400> 68
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<210> 69
<211> 111
<212> DNA
<213> Artificial Sequence
<400> 69
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<210> 70
<211> 138
<212> DNA
<213> Artificial Sequence
<400> 70
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accgagggtgg acgtcagc
<210> 71
<211> 144
<212> DNA
<213> Artificial Sequence
<400> 71
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tcattttta tatgtcagag actgtcgaat ttctattgcgt ttcaactaa ttacctcagt 120
ttgttaaaac tgaatatgaa ttcc
<210> 72
<211> 113
<212> DNA
<213> Artificial Sequence
<400> 72
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tatccacttg cagttctaca aaaagagtgt ttcacaacag cactatcaag agg
<210> 73
<211> 97
<212> DNA
<213> Artificial Sequence
<400> 73
tacattcttt ttcttaacta tccaccacct cccctcaaaa tttaacagc atccagcctc 60
acaaaactca gatctccct gtgtacagtt ccacttt
<210> 62
<211> 143
<212> DNA
<213> Artificial Sequence
<400> 74
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cattcgattt catttcatca tgattccatt cgattccact cgatgattcc attcgattcc 120

attcaatgat tattccactt gag
<210> 75
<211> 98
<212> DNA
<213> Artificial Sequence
<400> 75
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aagtgttaatt tcgctganat agaaaatttc tcattatt
<210> 76
<211> 88
<212> DNA
<213> Artificial Sequence
<400> 76
agctgacatt gtaatttaat aaagctaagg ataaaacttc tgggtttttt gtttatttag 60
cccgctgact agaagagata agagatgg
<210> 77
<211> 101
<212> DNA
<213> Artificial Sequence
<400> 77
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caactagttct agagcggccg ccaccgcgtt ggagctccag c
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<211> 109
<212> DNA
<213> Artificial Sequence
<400> 78
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<212> DNA
<213> Artificial Sequence
<400> 79
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nttcctgcag cccggggat ccactagttc tagagcggcc gccaccgcgg tggagctcca 120
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<210> 80
<211> 144
<212> DNA
<213> Artificial Sequence
<400> 80
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acacagagac aaagctcccc atccccacaac agatccagag tctgtnttgg accacaggga
aggaaggccc ttctccagga ttct
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<211> 160
<212> DNA
<213> Artificial Sequence

<400> 81

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 aagaagcagt ggatttttag ttgaggacgg aatttgagag ggggagggaa aaggaaggga 120
 atccgcagag gcagagetga ctgcacttgt gagggagggg

<210> 82

<211> 164

<212> DNA

<213> Artificial Sequence

<400> 82

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 agtggacatt tggagcgctt tcaggctat gttggaaaag gaaa

<210> 83

<211> 164

<212> DNA

<213> Artificial Sequence

<400> 83

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 tcttgggcc cggctggagt gcagtgcgc gatctggctt caccccaacc tctgcctcca 120
 ggattcaagc gattcgccctg cctcagccctt actgagtagc tccc

<210> 84

<211> 141

<212> DNA

<213> Artificial Sequence

<400> 84

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 tagactgaga caaatacccc a

<210> 85

<211> 72

<212> DNA

<213> Artificial Sequence

<400> 85

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attataaatg at

<210> 86

<211> 135

<212> DNA

<213> Artificial Sequence

<400> 86

tcataaaaata accattaata ttcaaccttc gtttttatac ctaacccccc tctaacacat 60

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cggtaaaaagg tgaaa

<210> 87

<211> 107

<212> DNA

<213> Artificial Sequence

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<210> 88
<211> 109
<212> DNA
<213> Artificial Sequence
<400> 88
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caccgaatct gccaatgc tgcatttggatccatggatccgaacta
<210> 89
<211> 112
<212> DNA
<213> Artificial Sequence
<400> 89
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gaataattgc aatccccat ccccatcactg aatggggttc aacgggttac cc
<210> 90
<211> 125
<212> DNA
<213> Artificial Sequence
<400> 90
acctgttaatccaaacttactc tggaggctga ggcaggagaa tggcatgaac ccgggaggtg 60
gaggatgcag tgagccaaga ttgtgccact gaactctagc ccaggcaaag gtgagagact 120
tgatc
<210> 91
<211> 130
<212> DNA
<213> Artificial Sequence
<400> 91
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tactaataat taganatnat ctctctaga atgagcatn aatgagtcag ctagagaggc 120
gacttaactg
<210> 92
<211> 104
<212> DNA
<213> Artificial Sequence
<400> 92
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tttggctggctttagatatt ntataanata gatctatcac tctg
<210> 93
<211> 122
<212> DNA
<213> Artificial Sequence
<400> 93
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tcaggggtta atacttctta gcaaagaaat agagaccaat ctctgtatc actttaact 120
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<210> 94
<211> 76
<212> DNA
<213> Artificial Sequence
<400> 94
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tacaggcagc aggcaa
<210> 95
<211> 109
<212> DNA
<213> Artificial Sequence
<400> 95
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ctcagagnag gcaattntc gccgctggtt taaggcttn natgaccga
<210> 96
<211> 112
<212> DNA
<213> Artificial Sequence
<400> 96
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tctaacatca tatccctata tanntntnac tgtcagttt ccagacaatg acactccttc 120
agagagaatt ctatggccac atctctaa
<210> 97
<211> 122
<212> DNA
<213> Artificial Sequence
<400> 97
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aaagaattcc aaacttaaac atcttcagta gacttgacat tgtattcgn atatcctatg 120
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<210> 98
<211> 88
<212> DNA
<213> Artificial Sequence
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ctttaaattt ataaactcca aggcatgtaca agtctggnnn nnnnnnagct acccaatatc 60
tgataaatat gaatacctaa taatagac
<210> 99
<211> 105
<212> DNA
<213> Artificial Sequence
<400> 99
tcctaaaact ctccctcacc agcatccaa tttaaagcct tggccttgc tcctccctct 60
agggggatcc actagttcta gagcggccgc caccgcggtg gagct
<210> 100
<211> 86
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<213> Artificial Sequence

<400> 100

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ccagactgat cttnanctcc tgggtc

<210> 101

<211> 156

<212> DNA

<213> Artificial Sequence

<400> 101

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ctggcgcca tggacgact ctctccctct ctacagctac acaaccgccc tgtgctgtcg 120
ggtcttatccc ttccaccca gtccatggct tggct

<210> 102

<211> 173

<212> DNA

<213> Artificial Sequence

<400> 102

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gctcgtcacc aggctggaaat actgtgggg gatctcagct cactgcacct ccaccccttg 120
ggtccagca attgttctgc ctcagcctgg gggatccact agttctagag cggt

<210> 103

<211> 191

<212> DNA

<213> Artificial Sequence

<400> 103

cagccccctt agaaatagct tcggagaca ctcctggtag acatgatccc aggcttgctg 60

agcagctgtg caaccatgcc tcaggctga ggaacagctc gcaggccact ctgtctggta 120
atacccccagg cccggcaagc aatagatctg catcccaggg ggatccacta gttctagagc 180

ggccggccacc g

<210> 104

<211> 191

<212> DNA

<213> Artificial Sequence

<400> 104

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ataggttagat tcanaaatgt actgattggc acttccttgaa ccgaggattttt aactaaagac 120

ctggaatcaa tagaaaggaa tgtctgggtt aaggtaaggg ctatggggga tccactagtt 180

ctagacggcc g

<210> 105

<211> 103

<212> DNA

<213> Artificial Sequence

<400> 105

ttctnagana tttnacatca nattaaccca ctganaaact tgcnaactct cacttcaac 60

gtctgancgg naattttat tggnggatcc actagttcta gag

<210> 106

<211> 173

<212> DNA

<213> Artificial Sequence

<400> 106
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gtgtacttct ganaattgaa gttaaatatt ttccaccaca gagctgaacc attacagagg 120
<210> 107
<211> 111
<212> DNA
<213> Artificial Sequence
<400> 107
tcataanata accattaata tnnnnnntnnn nnnnnnatcc taacatttt ctaacacata 60
aacatattca ctggggaggc cgaggccggc ggatcacgag gtcaggagat c
<210> 108
<211> 70
<212> DNA
<213> Artificial Sequence
<400> 108
caatttacac tctggcaggg ggaganagga naattntnc tgtnngaagg gggagttgng 60
gnaggaggcc
<210> 109
<211> 104
<212> DNA
<213> Artificial Sequence
<400> 109
caaananactaa natacctcn agtctggnta gacacttca ctggataggt agaggcctt 60
nctacaggnt atnanaaggc caccacagtc attnttccc ttct
<210> 110
<211> 68
<212> DNA
<213> Artificial Sequence
<400> 110
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gttaatca
<210> 111
<211> 107
<212> DNA
<213> Artificial Sequence
<400> 111
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tcgttctca ggctgctaataa aaagacatac ccaaggctgc gtacttt
<210> 112
<211> 173
<212> DNA
<213> Artificial Sequence
<400> 112
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atcaacaggt taagtgtgaa ttcatccaca ccctcagacc cgtgaccgta g
<210> 113
<211> 121
<212> DNA
<213> Artificial Sequence

<400> 113

gaatctctac accaaccctc tcttaacctc tacagttcaa atccaaatct caaacttct 60
gattgaatt tgcttatccc tatgttaattc taacttaaga cctaagacca aaaggaaatc 120
c

<210> 114

<211> 103

<212> DNA

<213> Artificial Sequence

<400> 114

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atgatattct agagaatatc cctagaatca ttccctaggta ctc

<210> 115

<211> 86

<212> DNA

<213> Artificial Sequence

<400> 115

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accaacagat agtttctcat cgaaga

<210> 116

<211> 120

<212> DNA

<213> Artificial Sequence

<400> 116

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aaccagcatg aggnntgtn tgcgttgatt ttnaaccatc cttccctgtc tgtacacagg 120

<210> 117

<211> 95

<212> DNA

<213> Artificial Sequence

<400> 117

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gccaggtacc cggnntctnt ngcagtgcta actgt

<210> 118

<211> 109

<212> DNA

<213> Artificial Sequence

<400> 118

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<210> 119

<211> 79

<212> DNA

<213> Artificial Sequence

<400> 119

cctgtattac agaaccaagg attaaaaact cagcagatgt gtaatgagtt ttaaataatt 60
acaatatnnn nnntataaa

<210> 120

<211> 83

<212> DNA

Artificial Sequence

<400> 120

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<210> 121

<211> 177

<212> DNA

<213> Artificial Sequence

<400> 121

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gcatgaggat tgtgtctgct tgattttaaa ccattttta atgtctgtac acaggaaatg 120
ttatcaacaa gagatgattc tgggggatc cactagttc tagagcggcc gccaccg

<210> 122

<211> 103

<212> DNA

<213> Artificial Sequence

<400> 122

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gnaaagggct gttaccatct ttgtttaaa ctataaacta taa

<210> 123

<211> 139

<212> DNA

<213> Artificial Sequence

<400> 123

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cagaaagtga gaggagagta ggcatgtcac anagagagac atgccttcat tctcggggga 120
tccactagtt ctagagcgg

<210> 124

<211> 103

<212> DNA

<213> Artificial Sequence

<400> 124

cattaaagcc ttnttagga aatctnttta aacaacagaa taaaaggat gacttnaga 60

tagaaactttn ngtgacatct ccagttctg gttacatgtat att

<210> 125

<211> 103

<212> DNA

<213> Artificial Sequence

<400> 125

cagagagaga gaaacanaca gncagagaga gagagaccac anagagagag agagagagaa 60

gatcagacag agaaaganag agacagagac agacannnag aca

<210> 126

<211> 113

<212> DNA

<213> Artificial Sequence

<400> 126

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gagaagatca gacagagaaa gagagagaca gagacagaca nanagaatag aga
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 <211> 181
 <212> DNA
 <213> Artificial Sequence
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 <211> 150
 <212> DNA
 <213> Artificial Sequence
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 <213> Artificial Sequence
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 caatacatcg gaggAACACC atgctgacgg gggatccact agttctagag cg

 <210> 130
 <211> 187
 <212> DNA
 <213> Artificial Sequence
 <400> 130
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 ctctgggtca ttatttatcc atggaaagt aatttgagat gttggaaactt taaaacagtg 120
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 agagcgg
 <210> 131
 <211> 170
 <212> DNA
 <213> Artificial Sequence
 <400> 131
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 atctctgtct ttggtaaccag taccatgtct ttgggttac tgtagccctg tagtatagtt 120
 tgaagtcagg tagcatgtt cctccggggg atccactagt tctagagcgg
 <210> 132
 <211> 147
 <212> DNA
 <213> Artificial Sequence

<400> 132
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 <211> 164
 <212> DNA
 <213> Artificial Sequence
 <400> 134
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 tagatagaaaa ttgactattt gggatccac tagttctaga gcgg
 <210> 135
 <211> 193
 <212> DNA
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 agttcttagag cggt
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 <211> 233
 <212> DNA
 <213> Artificial Sequence
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 catacctcag cctcccgagt agctggacc acaggcatga gccaccatgc ccggcttagtt 180
 acagggtttt cctatgctat ccaggctgga gtgcagtggg ggatccacta gtt
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 <211> 194
 <212> DNA
 <213> Artificial Sequence
 <400> 137
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 aatatccact tgcagacttt acagagtgtt tcctaactgc tctatgagag gggatccac 180
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 <210> 138
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<212> DNA
 <213> Artificial Sequence
 <400> 138
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 gaagaccaga accttttag gggatccac tagtt
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 gccactgttag ggtgagccata gaaaagagtt tcatgaccta ggtgatcagt gcagaggggg 180
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 <210> 141
 <211> 211
 <212> DNA
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 <211> 158
 <212> DNA
 <213> Artificial Sequence
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 <210> 151
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agctatgtat ctg